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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/751,475	01/06/2004	Haruo Inoue	8012-1221	2336
466	7590	04/03/2008	EXAMINER	
YOUNG & THOMPSON			KIM, ANDREW	
209 Madison Street				
Suite 500			ART UNIT	PAPER NUMBER
ALEXANDRIA, VA 22314			3714	
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			04/03/2008	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/751,475	INOUE, HARUO	
	<b>Examiner</b>	<b>Art Unit</b>	
	ANDREW KIM	3714	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 05 February 2008.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-3 and 5-20 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-3, 5-20 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 06 January 2004 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ .                                    |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____.   | 6) <input type="checkbox"/> Other: _____ .                        |

## DETAILED ACTION

### ***Response to Amendment***

This office action is in response to the amendment filed on 2/5/08 in which:

- Claim(s) 1-3, 5, 6, 8-17, 19, 20 have/has been amended.
- Claim(s) 4 have/has been canceled.
- Response to claims rejection have been filed.
- Claim(s) 1-3, 5-20 are pending.

### ***Double Patenting***

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1 and 11 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1 and 13 of U.S. Patent No. 6,905,408. Although the conflicting claims are not identical, they are not patentably

distinct from each other because the only difference between the two sets of claims is that the instant application claims rotating a reel in normal and reverse direction which is covered by the claims and specification of the '408 patent.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

**Claims 1-3 and 5-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Inoue (US 5,395,111) in view of Dickenson et al. (US 5251898 A).**

Inoue discloses a slot machine with double reels wherein the outer reel is transparent and composite symbols are formed utilizing both reels.

Dickenson discloses a slot machine in which the reels can move backward and forward.

Claims 1, 11, 14. Inoue discloses a symbol display device, for a game machine, that determines win or loss of a game according to symbol combinations displayed in a display window, said symbol display device comprising:

plural reel units rotatably aligned in a row behind said display window, each of said plural reel unit being provided with symbols, at least one of said plural reel units being double reels including an inner reel and a transparent outer reel (abstract);

a first symbol provided on said outer reel, said first symbol forms a composite symbol by overlaying said first symbol on a second symbol provided on said inner reel (col. 4:55 – 5:44); and

a controller for controlling rotation of said plural reel units, said controller controls said inner reel to stop after rotating in a normal direction and controls said outer reel to stop after rotating in said normal direction and a reverse direction repeatedly within a range that said first symbol is displayed in said display window before win or loss of said game is determined (col. 4:55 – 5:44).

Inoue substantially discloses the invention as claimed but fails to explicitly teach the outer reel rotating in a normal and reverse direction. Instead, Inoue discloses the reels rotating in a forward direction. However, in an analogous reference, Dickenson teaches reels that move in the forward and reverse directions (Dickenson, abstract and col. 1) to increase player appeal. Therefore, it would have been obvious to one or

ordinary skill in the art at the time of the instant invention to modify Inoue with Dickenson's reverse rotating reels to increase player appeal.

The win or loss of said game has been interpreted with respect to multiple plays of the game.

Claim 2. Inoue discloses wherein said first reel stops the rotation after said second reel stops the rotation (col. 6:1-15).

Claim 3. Inoue discloses wherein said winning symbol is provided in the second reel (col. 4:55 – 5:44).

Claims 5, 16. Inoue discloses further comprising: a decoration symbol, said decoration symbol provided in the first reel; wherein said controller rotates the first reel to overlay said decoration symbol on said symbol related to win in the second reel after said win is decided (col. 4:55 – 5:44). The decoration symbol has been interpreted as any symbol that overlays another symbol.

Claims 6, 17. Inoue discloses wherein said decoration symbol is not displayed in said display window while the first reel repeats the rotation in said normal and said reverse directions. This is inherently present because while any reel is in rotation, no specific symbol is displayed to the player.

Claims 7, 18. Inoue discloses further comprising: a shielding symbol provided in said outer reel, said shielding symbol shields a part of a symbol provided in said inner reel (col. 4:55 – 5:44, fig. 6). A shielding symbol has been interpreted as any symbol that overlays another symbol.

Claim 8. Inoue discloses wherein said shielding symbol is not displayed in said display window while the first reel repeats the rotation in said normal and said reverse directions. This is inherently present because while any reel is in rotation, no specific symbol is displayed to the player.

Claims 9, 12, 19. Inoue discloses wherein plural zones are provided in outer periphery of said first reel; wherein said controller controls the rotation of said first reel such that only one of said plural zones is displayed through said display window, and changes a zone to be displayed in said display window according to a game stage (col. 4:55 – 5:44, fig. 6). A zone has been interpreted as a symbol and the empty space around the symbol.

Claims 10, 13, 20. Inoue discloses wherein one of said plural zones is a win/loss determining zone consisting essentially of said winning symbol and non-symbol area; wherein said controller rotates said first reel in said normal and said reverse directions in a range that only said win/loss determining zone is displayed in said display window (col. 4:55 – 5:44, fig. 6).

Claim 15. Inoue discloses wherein said controller controls rotation of the second reel to stop after rotating in said normal and said reverse directions repeatedly within a range that said winning symbol is displayed in the display window (col. 4:55 – 5:44).

***Response to Arguments***

Applicant's arguments filed 2/5/08 have been fully considered but they are not persuasive.

Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

Regarding claim 14, Inoue in view of Dickenson teaches the structures or materials disclosed in the specification and “equivalents thereof” that correspond to the recited function.

***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANDREW KIM whose telephone number is (571)272-1691. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Xuan Thai can be reached on 571-272-7147. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Art Unit: 3714

AK 4/3/2008

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TC3700